

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)  
Week 31 (8/01/2021- 8/07/2021)

COCONINO COUNTY  
*August 13, 2021*



# Situation Summary

MMWR Week 31 (8/01/2021-8/07/2021)

**A total of 18,852 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – August 7, 2021.**

**Deaths: 321** (2% of cases)

**Probable Deaths: 5**

**Recovered Cases: 17,754**

(94% of cases)

**Hospitalizations: 1,398**

(7% of cases)

**Total Fully Vaccinated: 66,860**

(53.0% of the eligible population)

## Cases Reported Week 31 (August 1, 2021 - August 7, 2021):

**285  
Positive  
Cases**

**81%  
Not Fully  
Vaccinated**

**201.4  
Rate per  
100,000**

**9.0%\*  
Positivity  
Yield**

## Community Transmission

- Coconino County has a current **incidence rate of 201.4 per 100,000**, **percent positivity of 9.0%\***, and **COVID-19-Like-Illness incidence (CLI) of 3.8%\*\***.
- Coconino County is currently at a **High\*\*\*** level of community transmission.

Indicator	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100,000 persons in the last 7 days	0-9	10-49	50-99	≥100
Percentage of PCR tests that are positive during the past 7 days	<5.0%	5.0% - 7.9%	8.0% - 9.9%	≥10.0%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

*\*Percent positivity was calculated using only ELR data.*

*\*\*CLI is reported using hospital surveillance at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.*

*\*\*\* CDC defines level of community transmission based on the highest-level indicator for the current reporting week.*

## Cumulative Counts (March 15, 2020 – August 7, 2021):

18,852  
Positive  
Cases

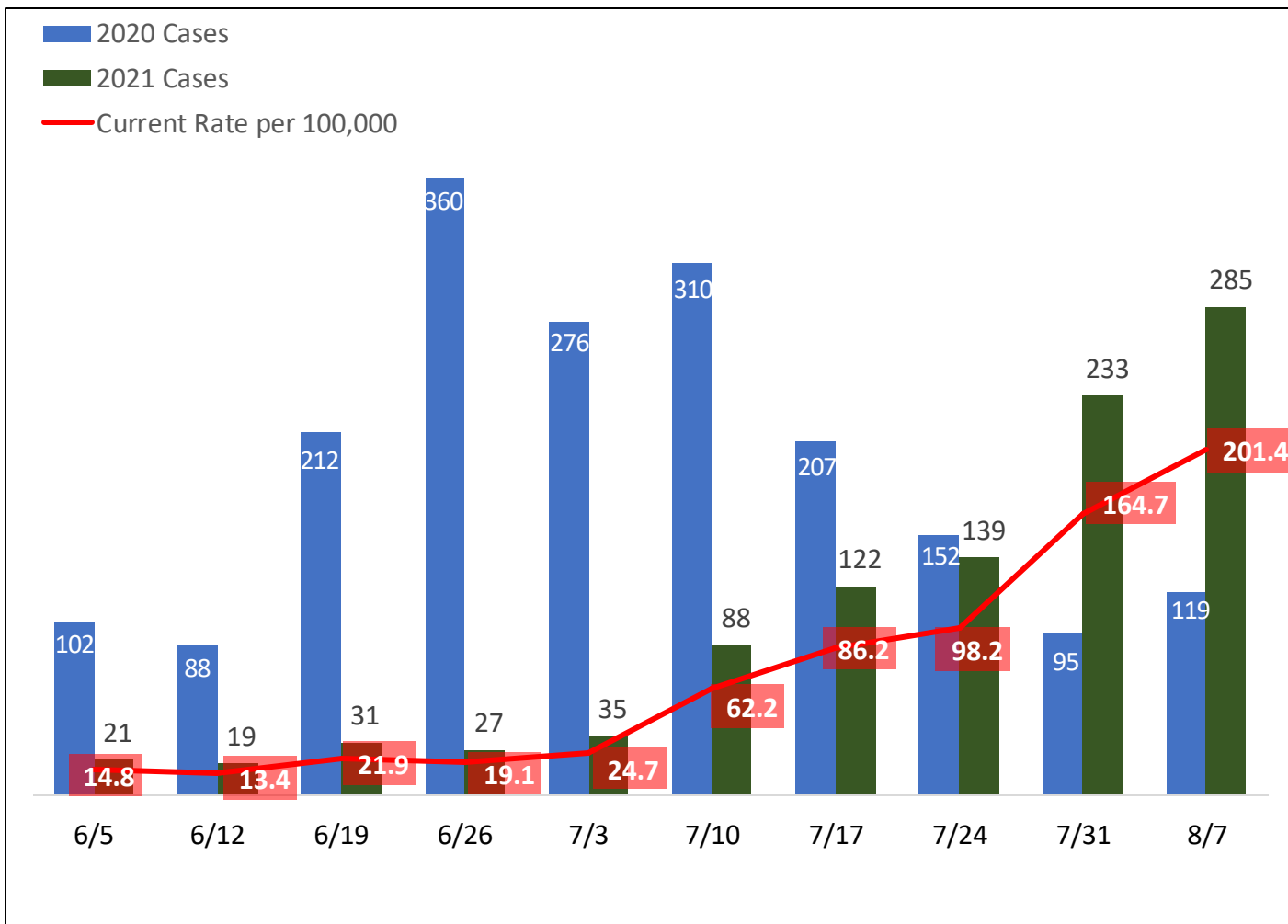
274,938  
Total  
Tests

95,947  
People  
Tested

11.2%  
Positivity  
Yield

**13,324.0 cases per 100,000 Coconino County Residents**  
**vs.**  
**13,253.5 cases per 100,000 Arizona Residents**

## Weekly Case Counts Among Coconino County Residents:

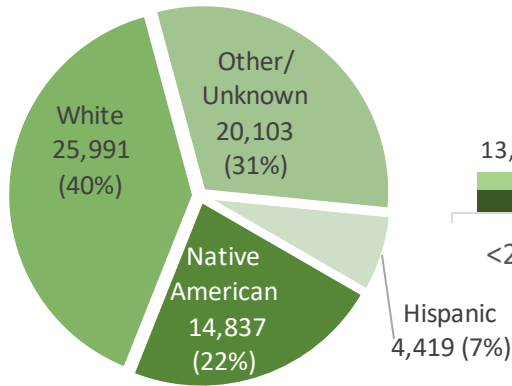


# COVID-19 Situation Summary\*

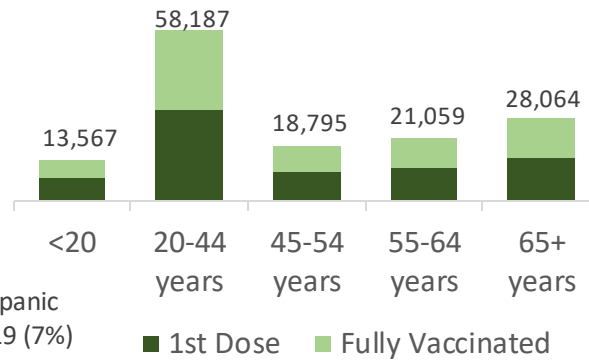
Please visit Vaccine Administration at [azdhs.gov](https://azdhs.gov) for additional Coconino County vaccine data.

## COVID-19 Vaccinations Among Coconino County Residents:

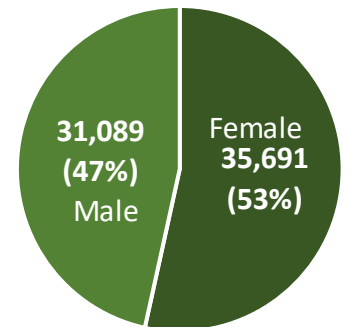
### Fully Vaccinated by Race\*\*



### Vaccinations by Age



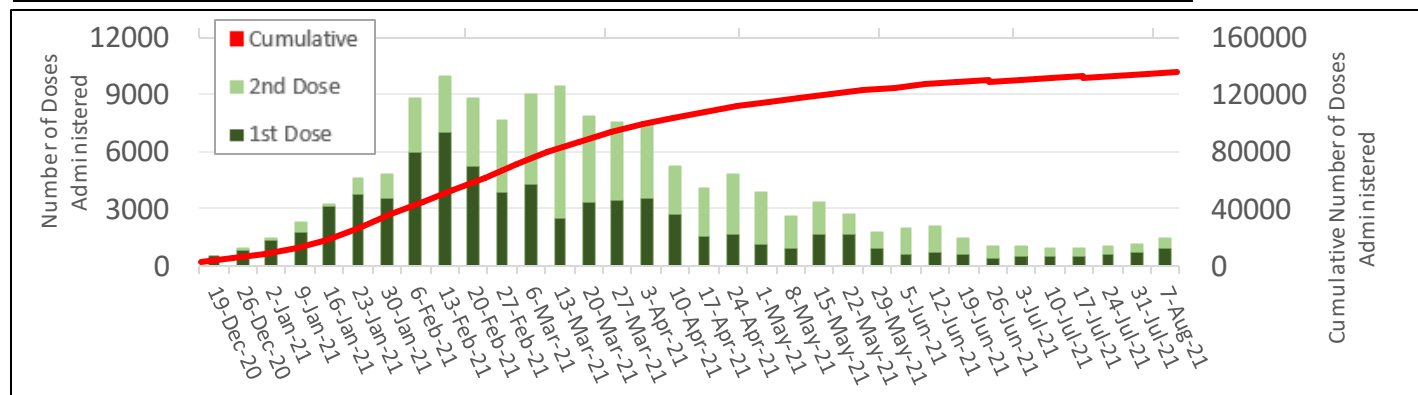
### Fully Vaccinated by Sex



\*\*The following races account for less than 1% of total vaccinations:

Asian or Pacific Islander (1,033), and Black or African American (477).

## Weekly Vaccine Counts Among Coconino County Residents:



## Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 <sup>†</sup>
Flagstaff	47,259	43,354	50,625
86001/86005	26,905	24,663	55,585
86004	19,486	17,880	56,769
86011	868	811	8,299

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 <sup>†</sup>
Page	5,254	4,986	73,141
Tribal Communities	13,886	12,614	60,711
Williams	2,339	2,127	42,447
Grand Canyon	1,606	1,488	68,571
Other Areas	2,468	2,291	40,693

<sup>†</sup>Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.


\*Vaccinations reported from 12/01/20-8/7/21

# COVID-19 Situation Summary\*

## Location:

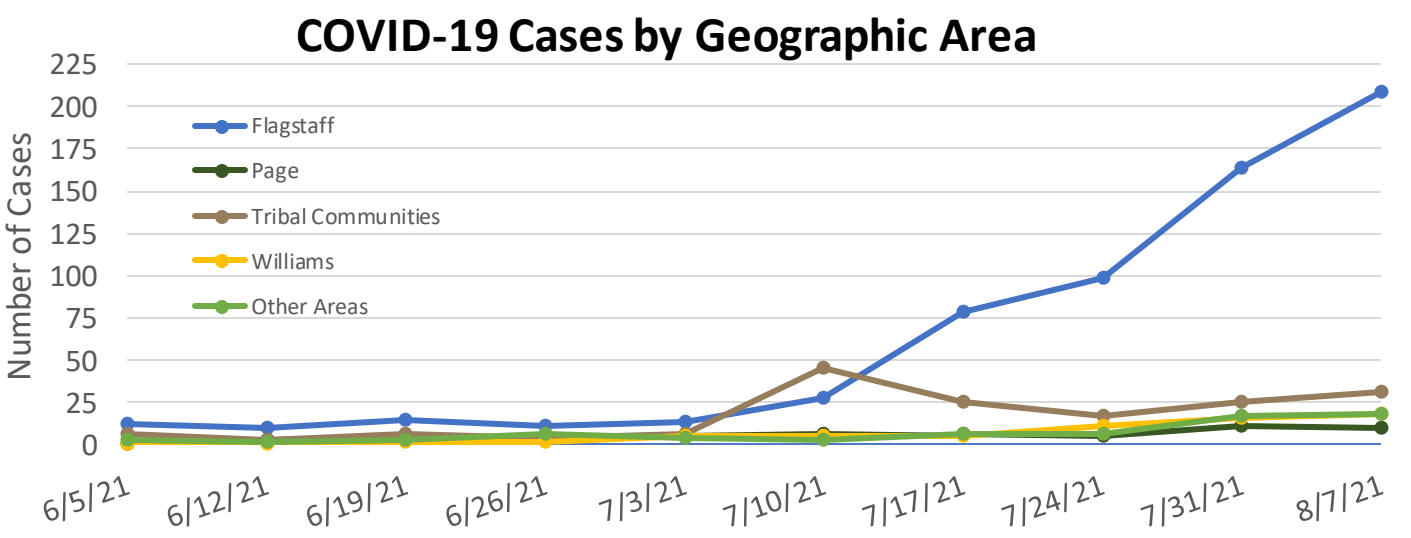
Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated <sup>†</sup>
Flagstaff	11,307	11,844	9.1%	43,354	50.6%
Page	1,280	16,996	17.4%	4,986	73.1%
Tribal Communities	4,776	19,400	15.6%	12,614	60.7%
Williams	652	11,449	14.7%	2,127	42.4%
Grand Canyon	223	8,786	14.0%	1,488	68.6%
Other Areas	614	10,881	12.5%	2,291	40.7%

<sup>†</sup>Population estimates include residents aged 10 and older.  
 Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



### Key Take Away

- Flagstaff and Tribal Communities** experienced the largest increase in cases from the previous week with a **27% and 24% increase**, respectively. In week 31, **73% of cases** were among **Flagstaff** residents.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.



## Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated <sup>‡</sup>
<20 years	3,928	9,625	12.1%	6,136	24.0%
20-44 years	9,345	17,903	11.2%	27,676	53.0%
45-54 years	2,149	14,630	12.3%	9,079	61.8%
55-64 years	1,861	11,215	10.5%	10,235	61.7%
65+ years	1,569	9,239	9.0%	13,734	80.9%

<sup>‡</sup>Population estimates include residents aged 10 and older.

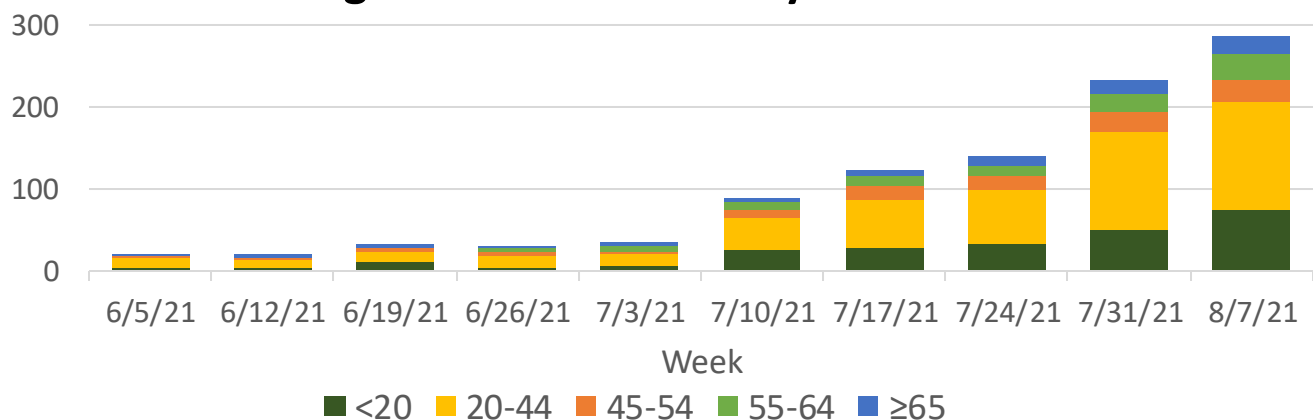
Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

## The median age of Coconino County COVID-19 cases is 30 years old

### Key Take Away

- The highest **case incidence** for week 31 was observed among residents aged 20-44 with an incidence of 251 per 100,000.
- The highest **positivity yield** for week 31 was observed among residents aged <20 with a positivity yield of 13.1%.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

## Age of Positive Cases by Week



\*Cases reported from 3/15/20-8/07/21

## Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated <sup>†</sup>
Native American	7,150	19,646	14,837	44.8%
White	6,381	8,356	25,991	34.8%
Hispanic	3,005	15,077	4,419	24.8%
Black or African American	251	15,926	477	22.3%
Asian/ Pacific Island	213	7,414	1,033	33.5%
Other/ Unknown	1,852	N/A	20,103	N/A

<sup>†</sup>Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

### Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

## Sex:

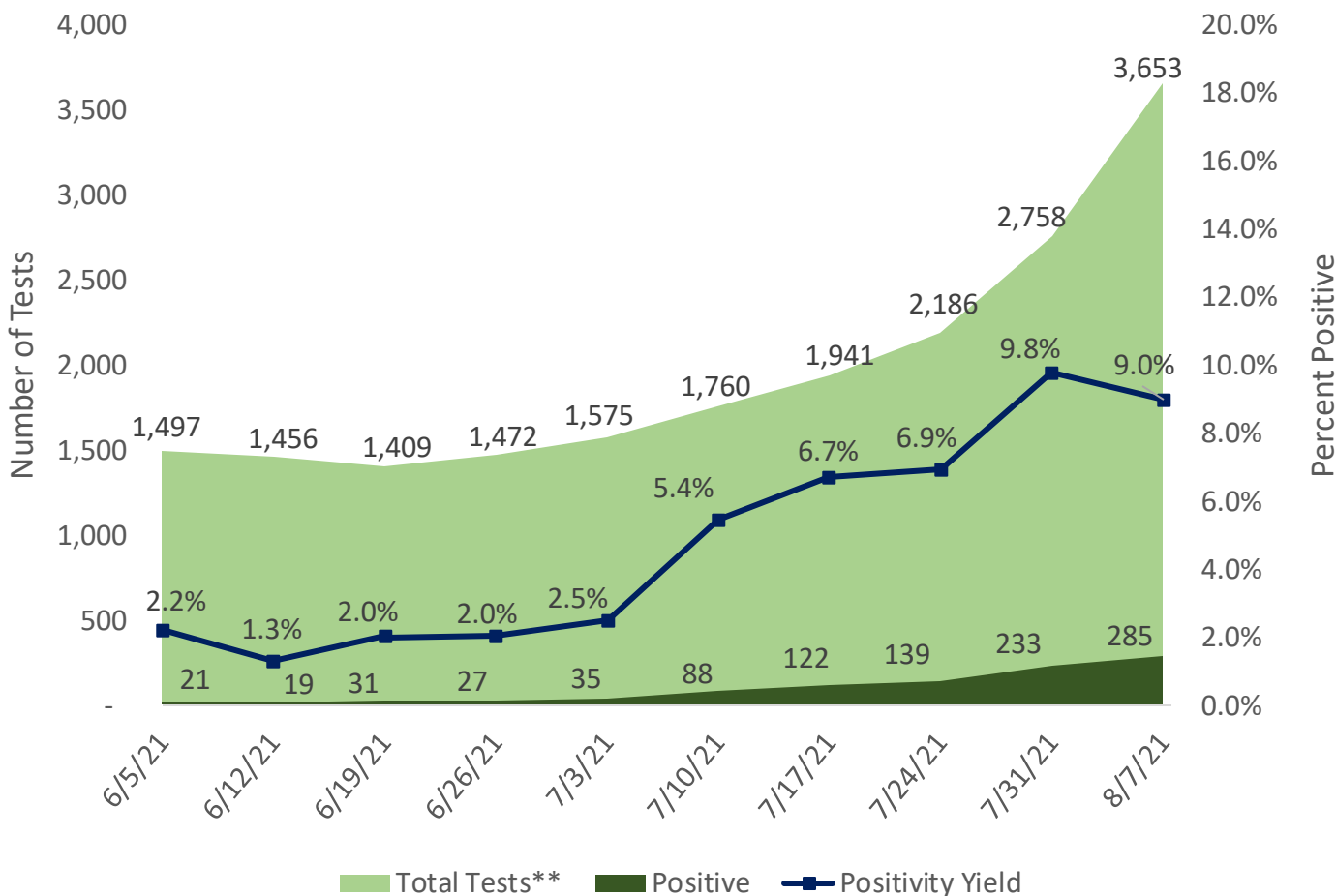
Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated <sup>†</sup>
Female	9,592	13,418	10.2%	35,691	55.7%
Male	9,224	13,217	12.2%	31,089	50.2%

<sup>†</sup> Population Estimates include residents aged 10 and older

### Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 24% more tests than male residents.
- Male residents have higher testing positivity yields.

## COVID-19 TESTING BY WEEK:



\*Percent positivity was calculated using only ELR data due to insufficient reporting.

\*\*Data was changed to display total tests per week rather than number of people tested per week.

### COVID-19 Diagnostic Testing:

**People Tested:** A total of 95,947 Coconino County residents have been tested.

**Tests Conducted:** A total of 274,938 have been conducted among Coconino County residents.

**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 8,130**

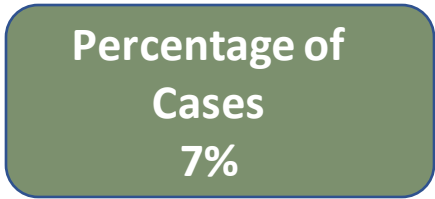
**Monitoring:** The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 229 (As of 8/07/2021)**
- **Total individuals monitored to date: 7,719**

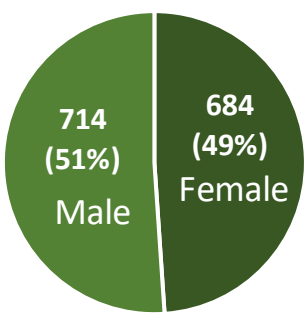


## Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

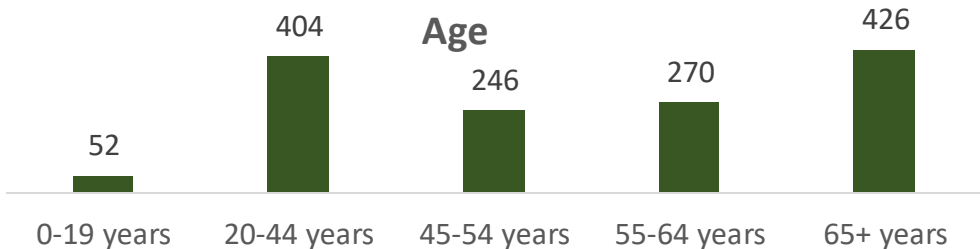


### Sex



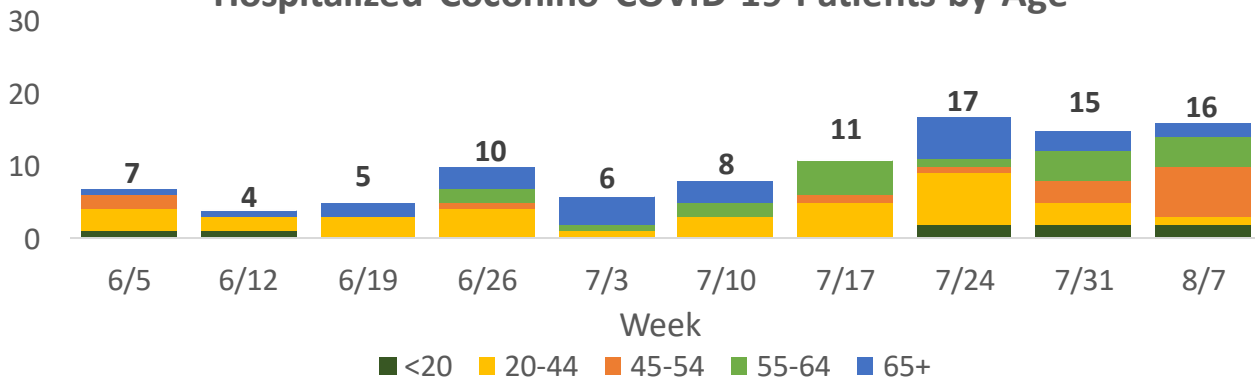
16% of hospitalized residents were in the ICU and 7% were intubated.

### Hospitalized Coconino COVID-19 Patients by Age

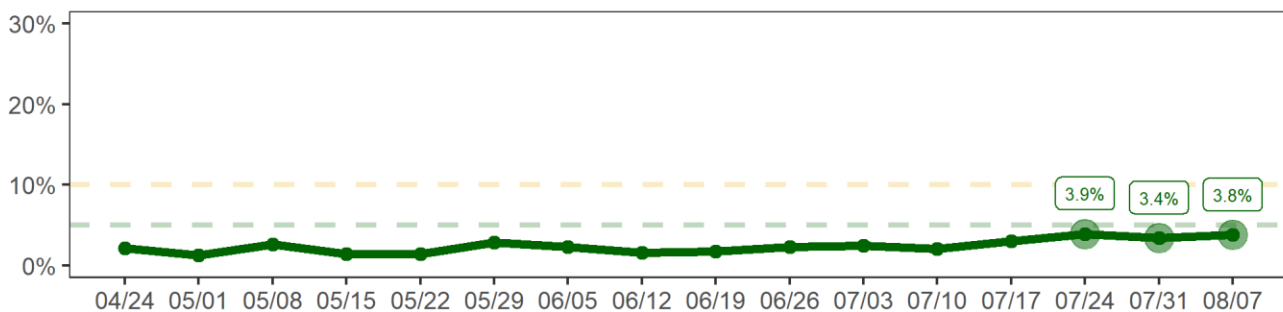


## Weekly Case Counts Among Coconino County Residents:

### Hospitalized Coconino COVID-19 Patients by Age



## Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



\*Cases reported from 3/15/20-8/07/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

# COVID-19 Situation Summary\*

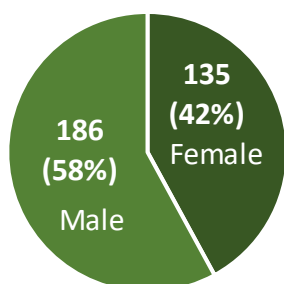
## COVID-19 Related Deaths:

Percentage of  
Cases  
2%

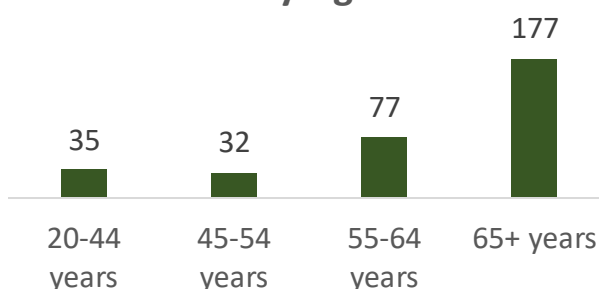
Deaths  
321

Fatalities  
Per 100,000  
226.9

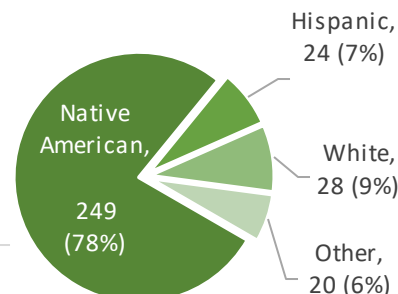
### Sex



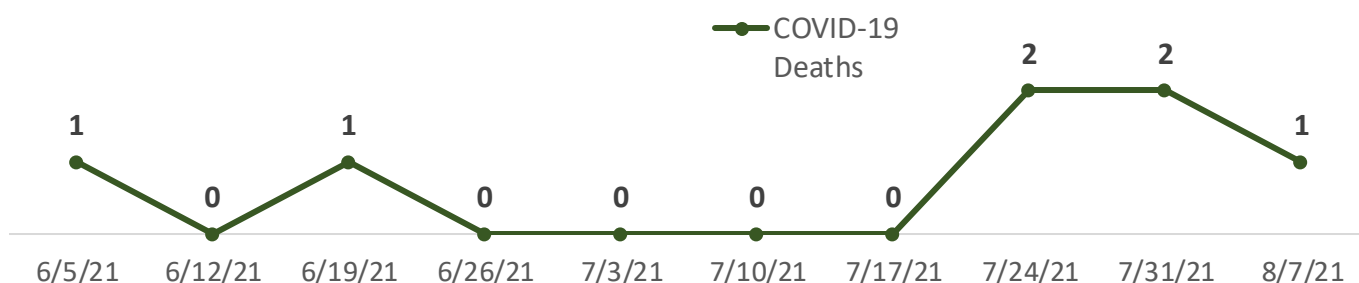
### Coconino COVID-19 Deaths by Age



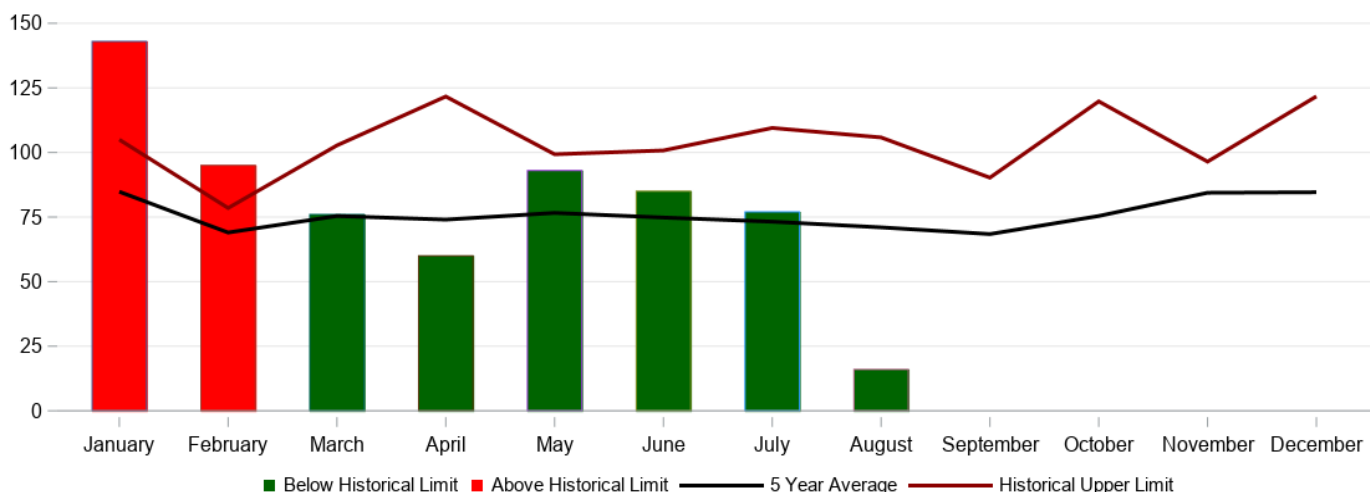
### Race



## Weekly COVID-19 Deaths Among Coconino County Residents:

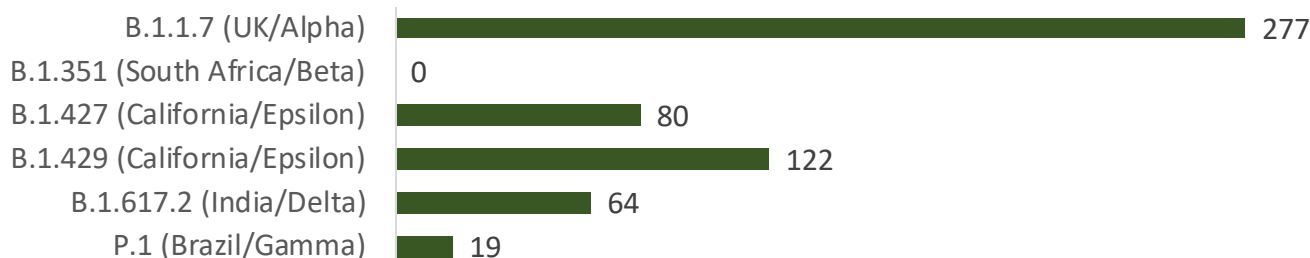


### 2021 All Deaths Aberration



## COVID-19 Variants:

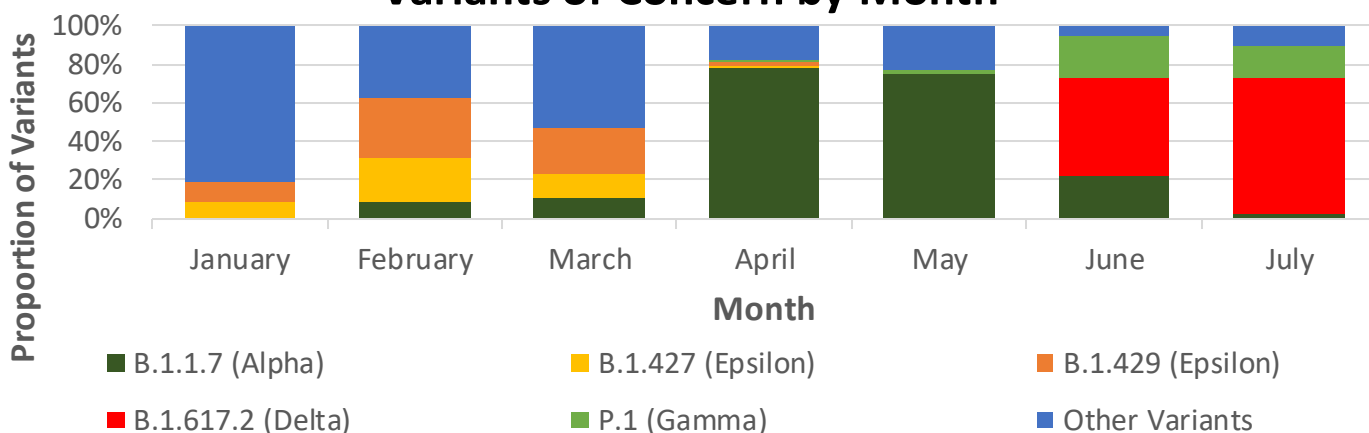
### Coconino County Total Variants of Concern\*\*



\*\*A variant for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), reduced effectiveness of treatments or vaccines, or diagnostic detection failures as defined by the CDC. Current data suggest that COVID-19 vaccines authorized for use in the United States offer protection against variants currently spreading in Coconino County.

89% of identified variants of concern are among Flagstaff residents.

### Variants of Concern by Month



**1,444 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.**

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions/)

For more information regarding variant testing in Arizona, please visit the TGen website:

[AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/az-covid-19-sequencing-dashboard/)

## Vaccine Breakthrough\*\*\*:

**Total Vaccine Breakthrough Cases: 262**

(1.4% of all cases)

**Vaccine Breakthrough Cases with Variant of Concern: 22**

(8% of vaccine breakthrough cases)

\*\*\*Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS.

\*Cases reported from 3/15/20-8/07/21